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(54) Title: GERANIOL SYNTHASE, METHODS OF PRODUCTION AND USES THEREOF

(57) Abstract: The present invention relates to novel type of monoterpenes synthase, a key enzyme in the production of the monoterpenes aroma compound geraniol. More specifically, the present invention relates to nucleic acid sequences coding for CUES from flowers and herbs species, in particular sweet basil, as well as to vectors containing the sequences, to host cells containing the sequences and to methods of producing recombinant GES, its products, and uses thereof.